

EXPLORING EMOTIONAL INTELLIGENCE WITH BOOK'S MAZES: BOOK, INSTALLATION & PERFORMANCE

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"All learning has an emotional base."Plato

Successful contemporary design demands more than just practical and technological expertise, designers must also take a wider view and consider the emotional intelligence (EI) impact on their works.

We immerse ourselves in Book's world, walk between lines, visualize a letter into image, to shape, collar and transform them. After this we create feelings, homes, streets and whole environmental. Each of us is a creator of amazing ground in the world of books.

Book is no more than creator's encoded message in signs and pictograms. Horizontal and vertical strokes, fragments of geometric forms, spots, dots, lines –are the creator's taste of material for production of tangible pictures with smells, with rumbling in the stomach and nausea when you are concerned, with smiles at the moments of joy.

The core question of the suggested project is find out what process connects the simple geometrical forms within our emotional states.

Emotional intelligence (EI) is defined as the ability to monitor one's own and other people's emotions, to discriminate between different emotions and label them appropriately, and to use emotional information to guide thinking and behavior [1].

Currently, there are three main models of EI: Ability model, Mixed model (usually subsumed under trait EI), Trait model. I suggest to use ability-based model.

The ability-based model views emotions as useful sources of information that help one to make sense and navigate the social environment [2,3]. The model proposes that individuals may vary in their ability to process information of an emotional nature and in their ability to relate emotional processing to a wider cognition. This ability is seen to manifest itself in certain adaptive behaviors. The ability-based model is identified four different factors of emotional intelligence: the perception of emotion, the ability reason using emotions, the ability to understand emotion and the ability to manage emotions.

1. *Perceiving Emotions*: the ability to detect and decipher emotions in faces, pictures, voices, and cultural artifacts—including the ability to identify one's own emotions. Perceiving emotions represents a basic aspect of emotional intelligence, as it makes all other processing of emotional information possible.

I suggest to identify what emotions are created by books, namely the text block, font, word-image, illustration, associative composition of simple geometric shapes. Project will be represented as maze. Text blocks will be painted on the exterior walls and composition of simple geometric shapes will be inside, accordingly. All images will be accompanied by stamps with identical images. Clean

brochures will lay near the entrance to the maze and visitors can make their own book by using stamps.

2. *Reasoning with Emotions*: The next step involves using emotions to promote thinking and cognitive activity. Emotions help prioritize what we pay attention and react to; we respond emotionally to things that garner our attention.

3. *Understanding Emotions*: the ability to comprehend emotion language and to appreciate complicated relationships among emotions.

4. *Managing Emotions*: The ability to manage emotions effectively is a key part of emotional intelligence. Regulating emotions, responding appropriately and responding to the emotions of others are all important aspect of emotional management.

The main aim of the study is to create emotional intelligence book model (EIBM) for monitoring the transformation of book's components (text blocks, fronts, word-images, illustrations, associative composition of simple geometric forms) into emotions. For visualization I suggest to present EIBM in the form of the Book's Mazes with different types of compositions, which will permit us to involve viewers in the process of book creation.

The tasks of the study are: (1) to collect and analyze the sources of information on project topic; (2) to study projects-analogs; (3) to formulate requirements for the project; (4) to complete the project like a visual model.

In the frame of EIBM the book's components will be presented in the following ways:

1. *Text block*: Big text blocks will be drawn on the exterior walls of the maze. They will be looked like print's pages. Among them, the various types of layout will be presented by using books, newspapers and magazines. Viewers will see that placement of the text without the use of graphic elements or other decorations have a wide range. There are four entrances in the maze and participants could choose the most interesting one to start their journey. Thus, participants will see diverse composition of text and make comparative analysis based on which will be chosen at the beginning.

2. *Font*: The next step will be demonstrated different typefaces. After the participant familiarized with font's plastic, they will fall into next section, where plastic will became a part of the word's image and will get semantic and emotional coloring (section word-images). Fonts will be contrasting in shape and character in each section for enhancing characteristics of each. Viewer will go to the next section with knowledge about letter's expression without any sense.

3. *Word-images*: Word-images – it is a word, that are written in such way, that it is appear association with word's sense. To be able to attain this it is necessary either to take typeface, that match to word's sense, either to use characteristic word's penmanship, either little deform letters. In my opinion, it is transitional stage between letter and image. This stage helps to perceive text as the image and understand that it depends a lot of its appearance in the reading process.

4. *Illustration*: Participant will fall into illustration section after reading texts, phrases and words in the previous sections. At this point the mind will generate

the images, which he read before. The illustration section will meet the artist's vision their imagination. There is important that illustrations does not appear in front of visitors unexpectedly, it will be logical continuation of the previous stages. Thus, it will be demonstrated as unseparated text, image, and importance of their harmony combination.

5. *Associative composition of simple geometric shapes*: Further illustrations will be transformed in associative composition of simple geometric shapes. It is destroy of perfection, which was attained in the harmony fonts and illustrations. Knowing how to read the materials human nature can successfully create book. We can only try to look into this nonobjective world. Last section demonstrate that whole maze it is only beginning of the journey into the world of books.

Conclusion. Suggested study is the opportunity of every visitor to face the problems, which usually are met by designers and text creators. Project will show that printing is not only a source of information, but it is artwork also. Project is developed to increase the quality of daily graphic design on the base of EI.

References

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VOIDED BIAXIAL SLABS IN CIVIL ENGINEERING

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Recent developments in construction technologies have heightened the need for implementation of new building facilities. Installation of lightweight voiding blocks is recognized as an important component in the construction systems and plays a key role in reducing the weight of bearing and sustainable constructions (slabs). It is noteworthy to mention R.B. Fuller's recommendation to measure building's weight for measuring its perfection [cit.ex.1]. The aim of the paper has been to give a basic overview of major developments of voided biaxial slab in the history of construction practice.

The main concept addressed in this paper is *voided biaxial slab* (VBS). While a variety of its interpretations have been known, the working definition designates it as "reinforced concrete slabs, in which voids allow to reduce the amount (volume) of concrete" [2].

Previous studies indicate that preliminary endeavors of reducing the weight of construction elements have been pursued since the times immemorial. Moreover, the significant positive correlation between weight and geometrical parameters of